

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131675.D
 Acq On : 16 Dec 2022 19:50
 Operator : CG\JU
 Sample : N6037-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(0.5-2.5)

Quant Time: Dec 17 03:58:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

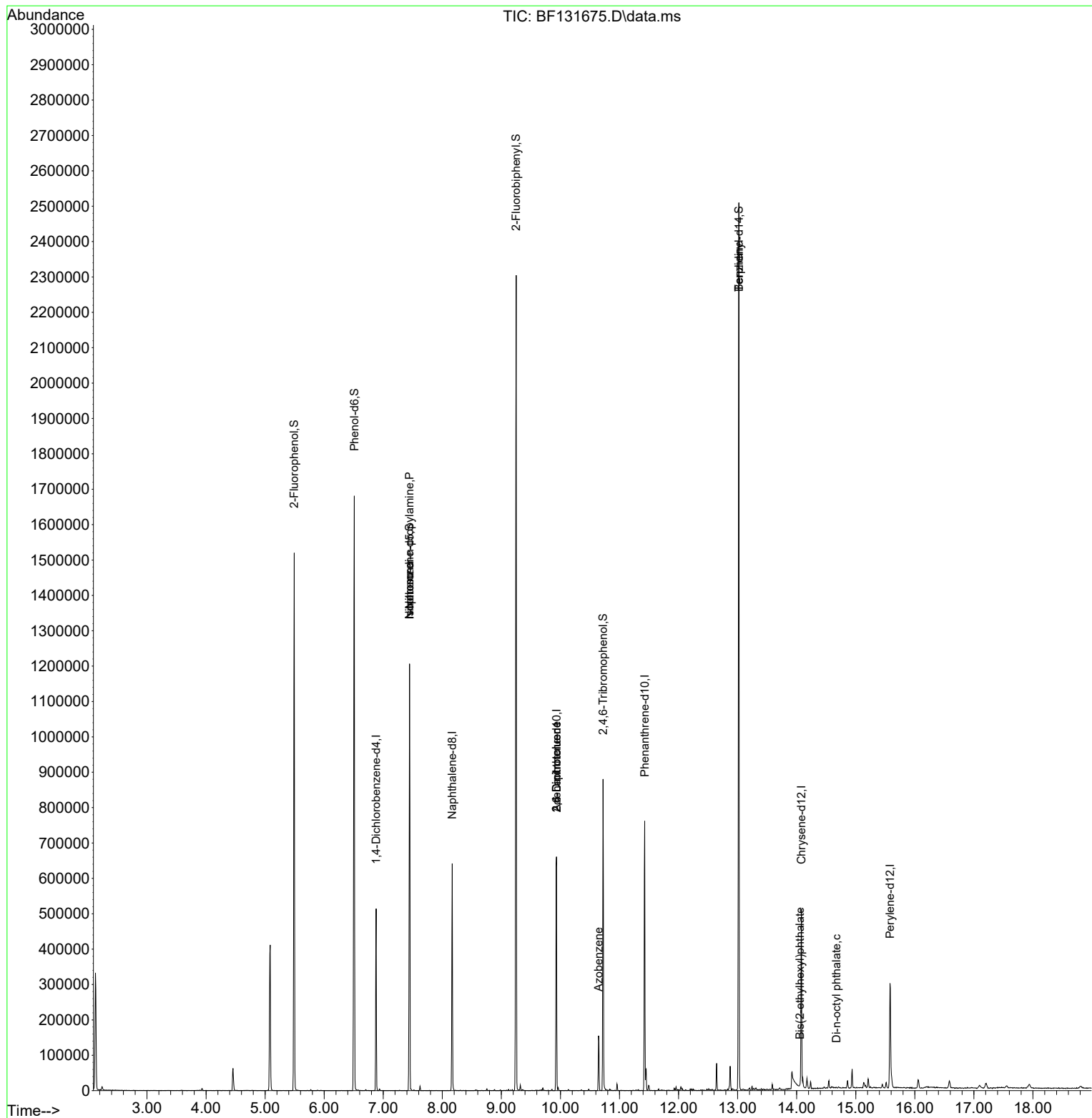
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66452	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	240797	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	135938	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	264061	20.000	ng	0.00
76) Chrysene-d12	14.080	240	159836	20.000	ng	0.00
86) Perylene-d12	15.580	264	142597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	352801	88.571	ng	0.00
7) Phenol-d6	6.510	99	538397	103.146	ng	0.00
23) Nitrobenzene-d5	7.445	82	391382	61.450	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	89014	58.937	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	669139	62.065	ng	0.00
79) Terphenyl-d14	13.021	244	797446	68.421	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	54100	13.822	ng	# 78
25) Isophorone	7.445	82	391378	38.149	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	17531	8.195	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	17531	6.177	ng	# 16
63) Azobenzene	10.645	77	28628	2.524	ng	# 1
77) Benzidine	13.021	184	11884	2.775	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.057	149	1317	3.231	ng	# 92
85) Di-n-octyl phthalate	14.674	149	249	5.241	ng	# 1

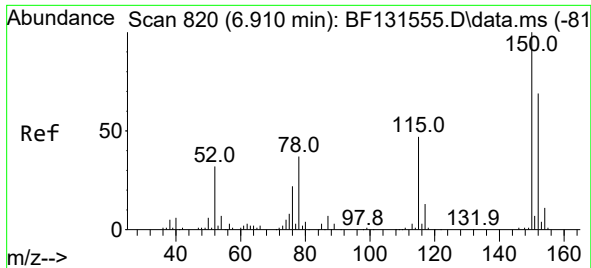
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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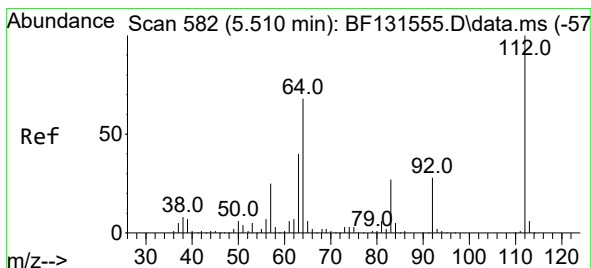
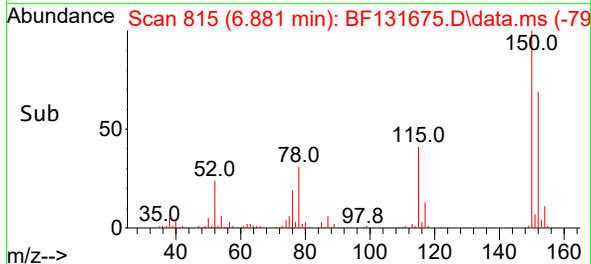
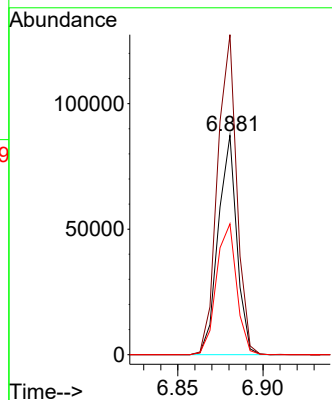
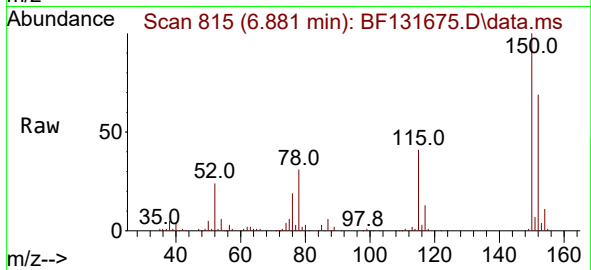




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

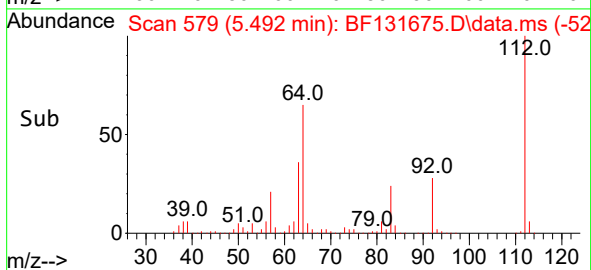
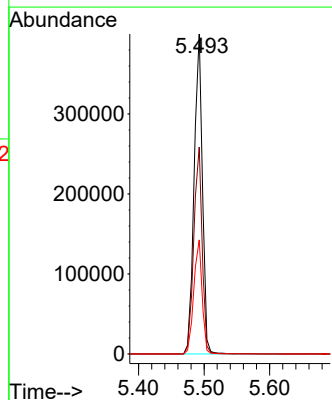
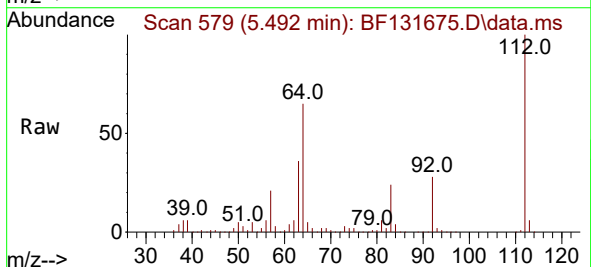
Instrument :
BNA_F
ClientSampleId :
RB-23-(0.5-2.5)

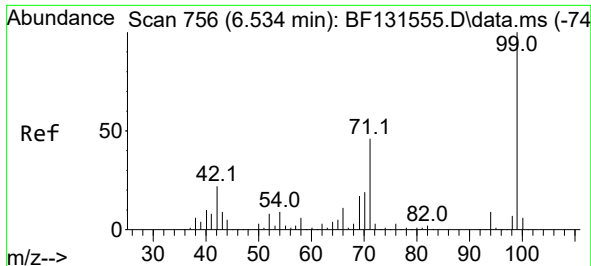
Tgt Ion:152 Resp: 66452
Ion Ratio Lower Upper
152 100
150 145.9 116.7 175.1
115 59.7 54.6 82.0



#5
2-Fluorophenol
Concen: 88.571 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

Tgt Ion:112 Resp: 352801
Ion Ratio Lower Upper
112 100
64 64.7 54.5 81.7
63 35.6 31.9 47.9

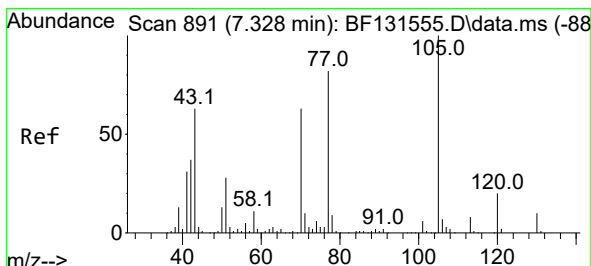
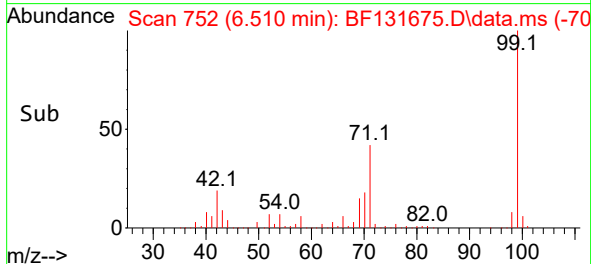
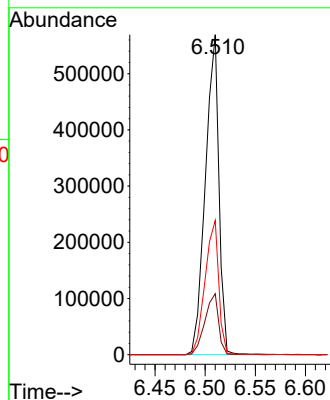
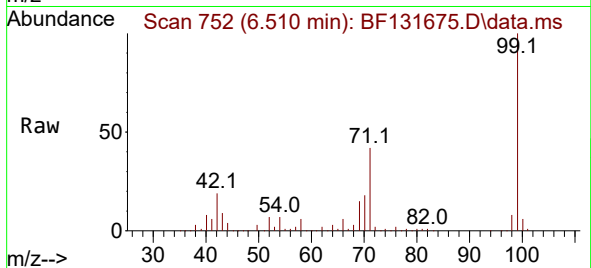




#7
Phenol-d6
Concen: 103.146 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

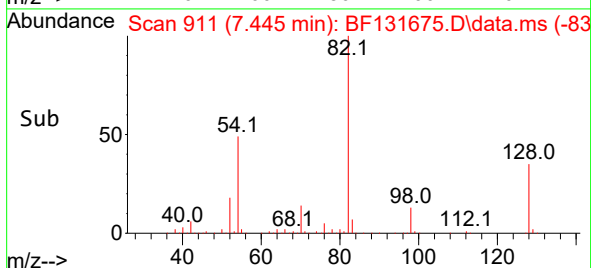
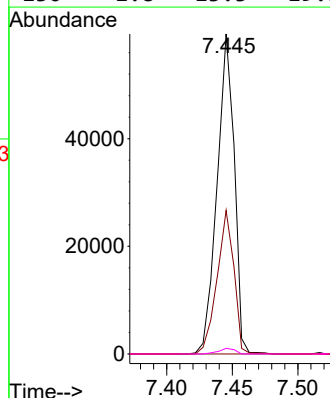
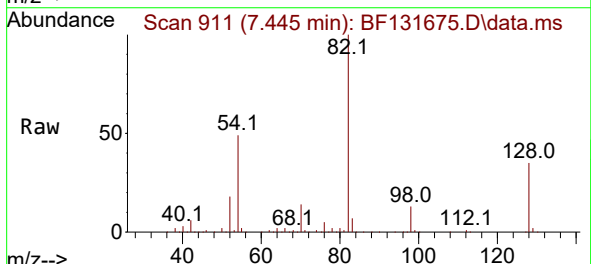
Instrument :
BNA_F
ClientSampleId :
RB-23-(0.5-2.5)

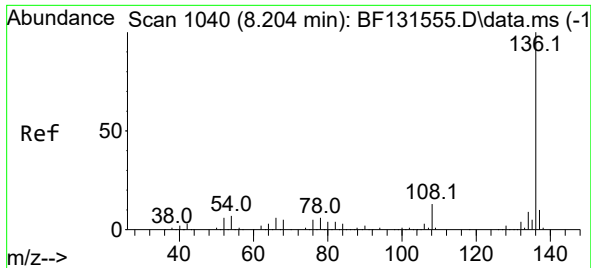
Tgt Ion: 99 Resp: 538397
Ion Ratio Lower Upper
99 100
42 19.0 17.9 26.9
71 42.0 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.822 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

Tgt Ion: 70 Resp: 54100
Ion Ratio Lower Upper
70 100
42 44.9 46.4 69.6#
101 0.0 7.2 10.8#
130 1.8 13.3 19.9#

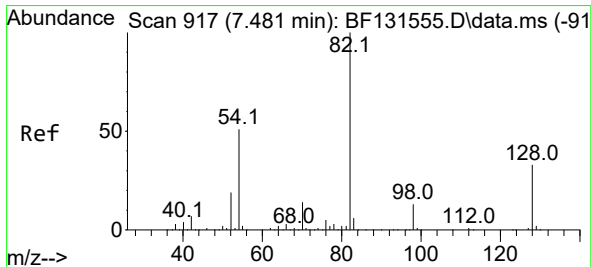
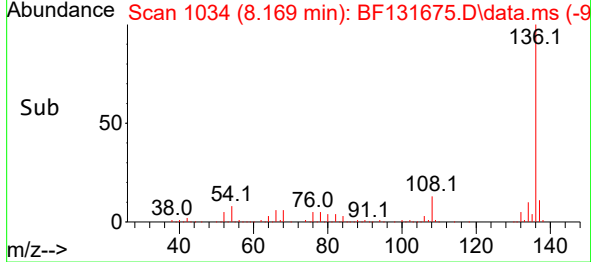
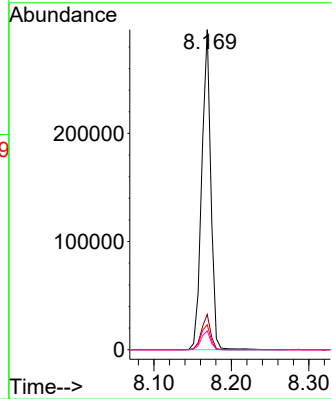
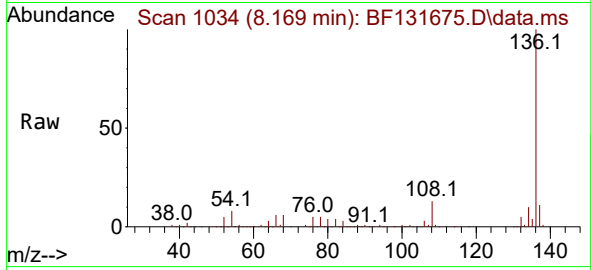




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

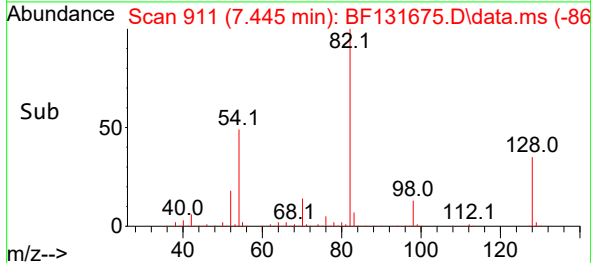
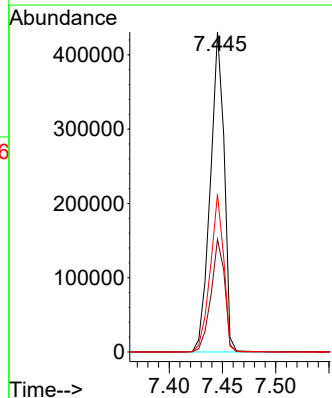
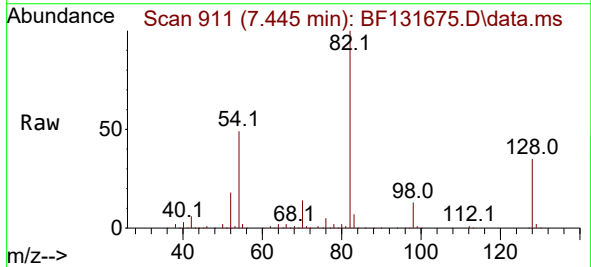
Instrument :
BNA_F
ClientSampleId :
RB-23-(0.5-2.5)

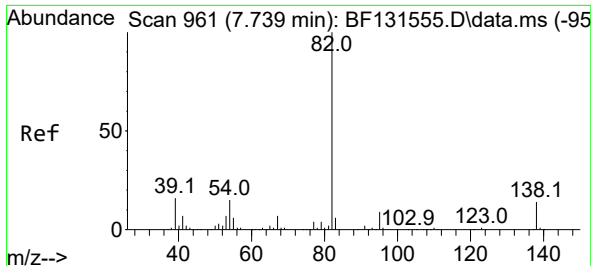
Tgt Ion:136 Resp: 240797
Ion Ratio Lower Upper
136 100
137 11.0 8.1 12.1
54 7.8 6.0 9.0
68 5.8 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 61.450 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

Tgt Ion: 82 Resp: 391382
Ion Ratio Lower Upper
82 100
128 35.2 26.1 39.1
54 49.3 40.6 60.8

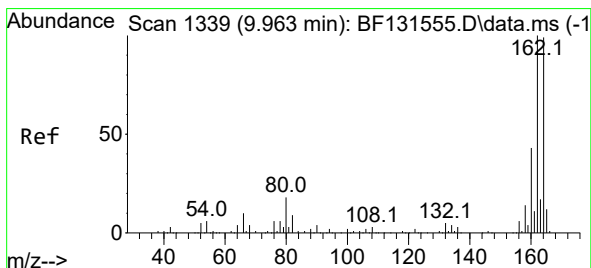
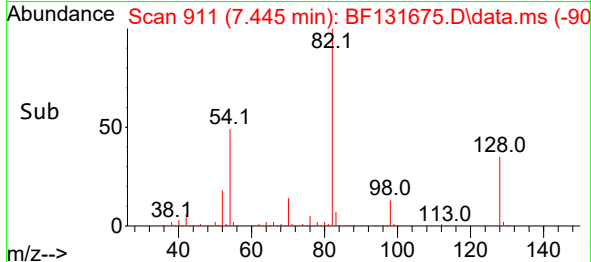
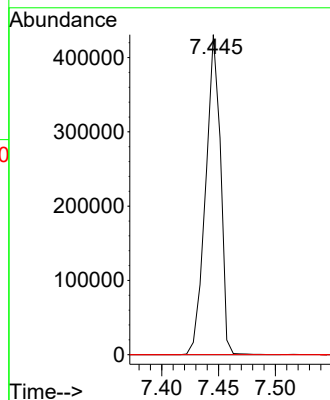
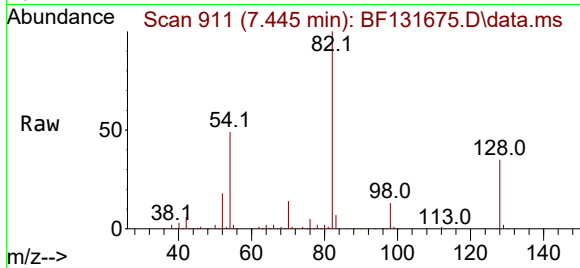




#25
Isophorone
Concen: 38.149 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

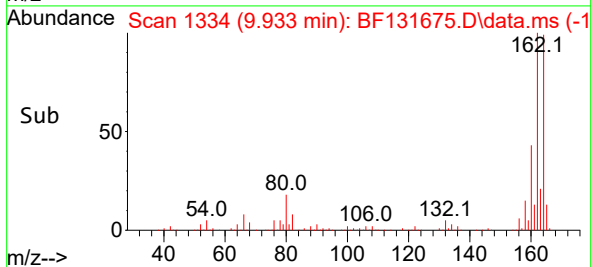
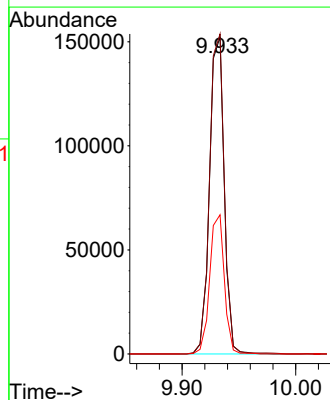
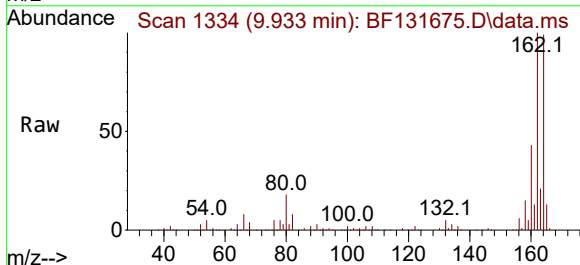
Instrument :
BNA_F
ClientSampleId :
RB-23-(0.5-2.5)

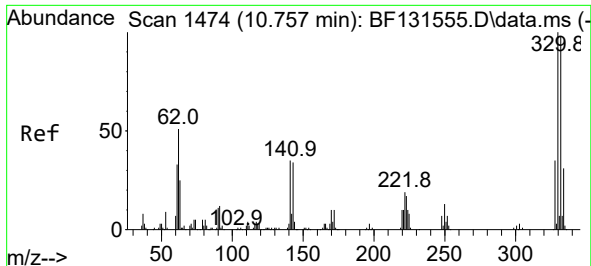
Tgt Ion: 82 Resp: 391378
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

Tgt Ion: 164 Resp: 135938
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 43.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 58.937 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131675.D

Acq: 16 Dec 2022 19:50

Instrument :

BNA_F

ClientSampleId :

RB-23-(0.5-2.5)

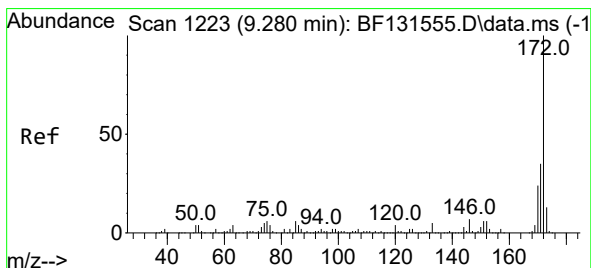
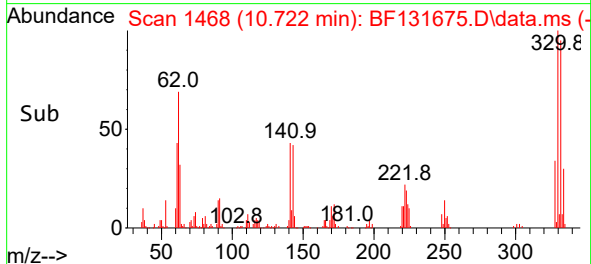
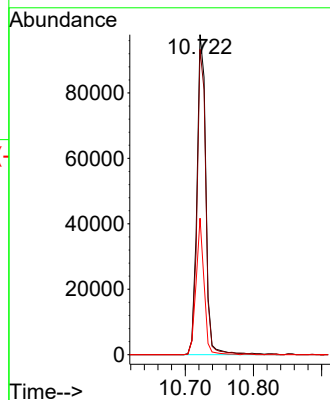
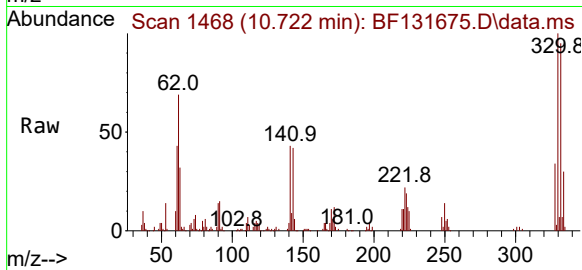
Tgt Ion:330 Resp: 89014

Ion Ratio Lower Upper

330 100

332 93.6 78.3 117.5

141 38.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 62.065 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131675.D

Acq: 16 Dec 2022 19:50

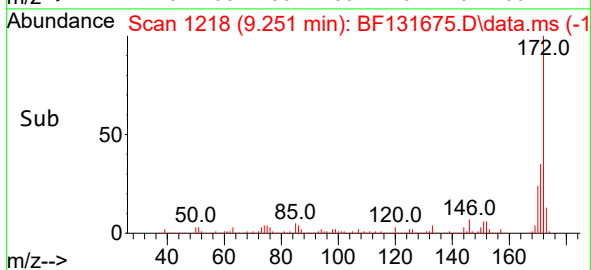
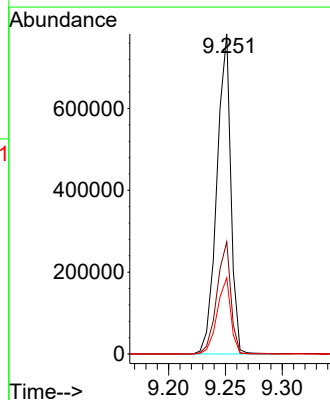
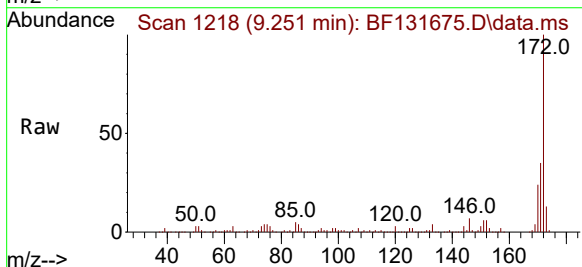
Tgt Ion:172 Resp: 669139

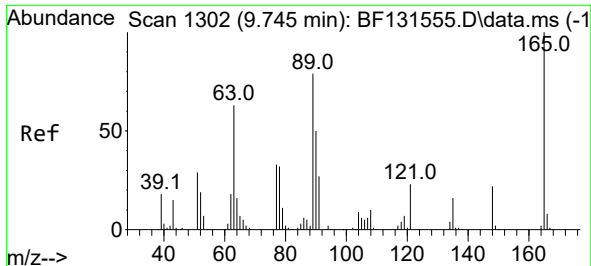
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.8 19.3 28.9

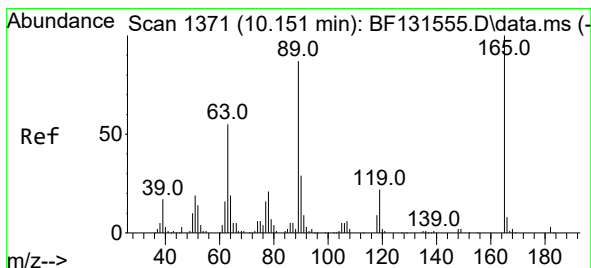
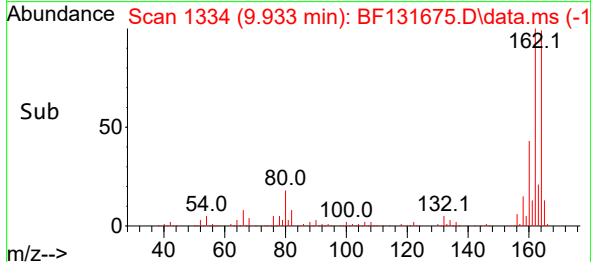
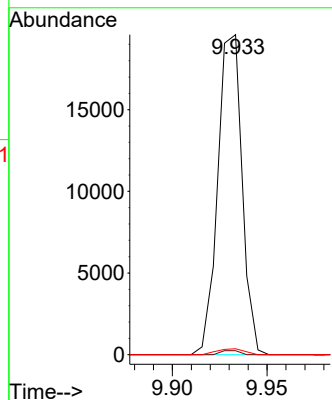
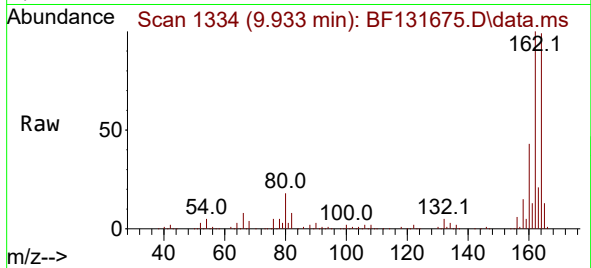




#51
2,6-Dinitrotoluene
Concen: 8.195 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

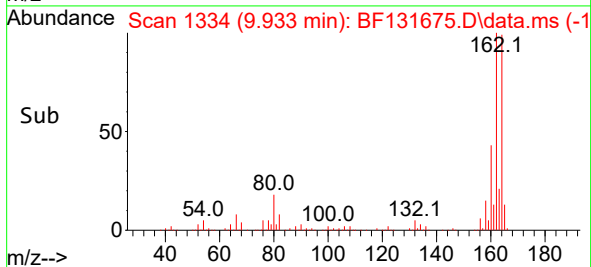
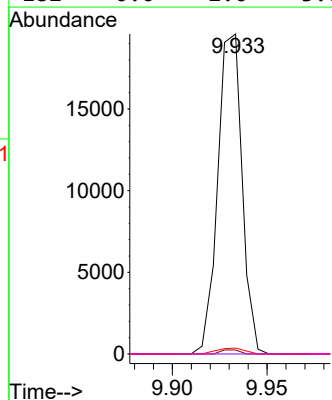
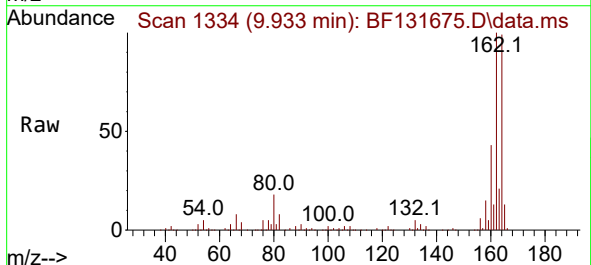
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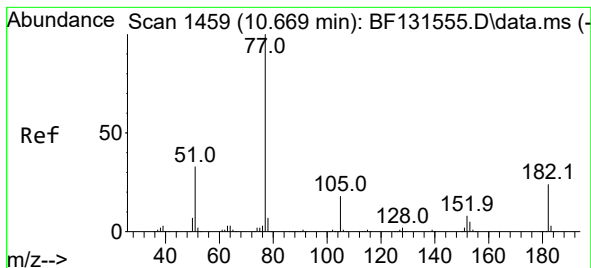
Tgt Ion:165 Resp: 17531
Ion Ratio Lower Upper
165 100
63 1.3 67.9 101.9#
89 1.9 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.177 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

Tgt Ion:165 Resp: 17531
Ion Ratio Lower Upper
165 100
63 1.3 44.4 66.6#
89 1.9 69.6 104.4#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.524 ng

RT: 10.645 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF131675.D

Acq: 16 Dec 2022 19:50

Instrument :

BNA_F

ClientSampleId :

RB-23-(0.5-2.5)

Tgt Ion: 77 Resp: 28628

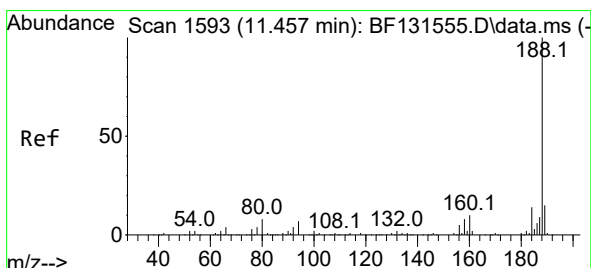
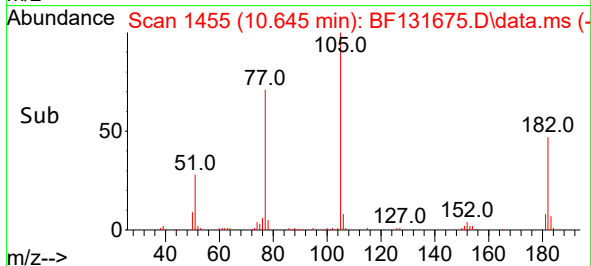
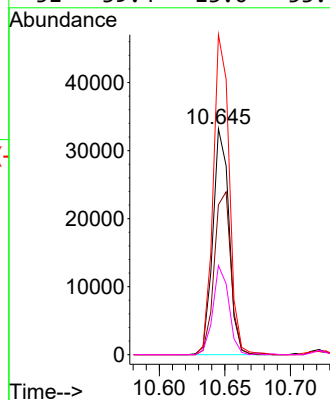
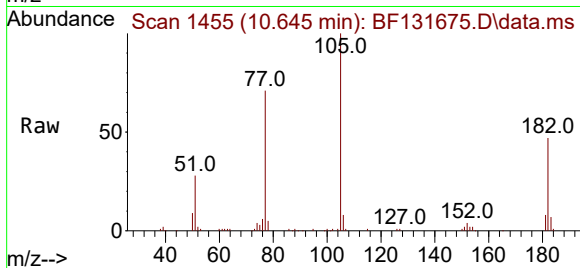
Ion Ratio Lower Upper

77 100

182 66.3 3.9 43.9#

105 141.7 0.0 38.3#

51 39.4 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF131675.D

Acq: 16 Dec 2022 19:50

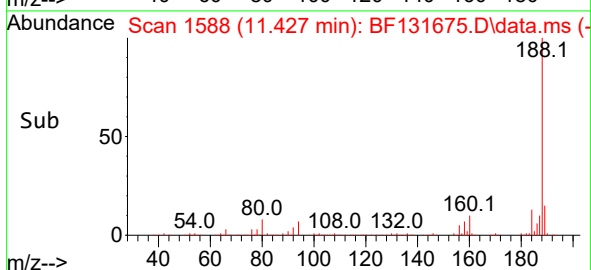
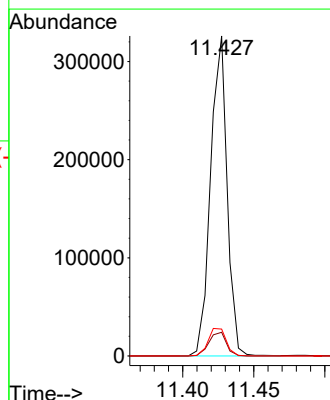
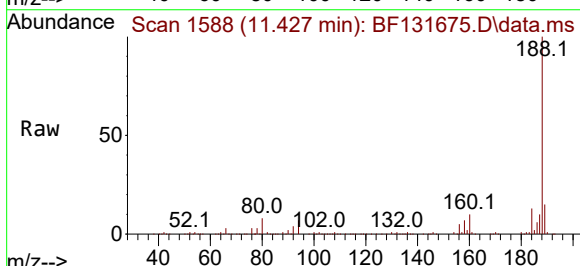
Tgt Ion:188 Resp: 264061

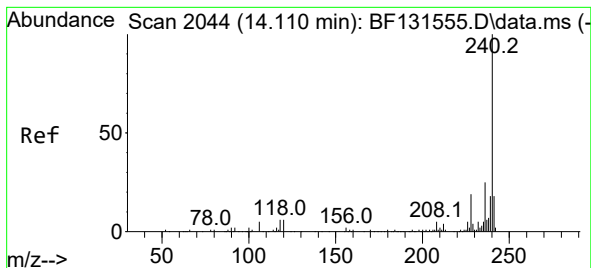
Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

80 8.4 6.6 10.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BF131675.D

Acq: 16 Dec 2022 19:50

Instrument :

BNA_F

ClientSampleId :

RB-23-(0.5-2.5)

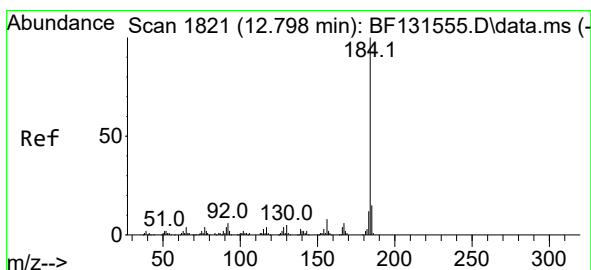
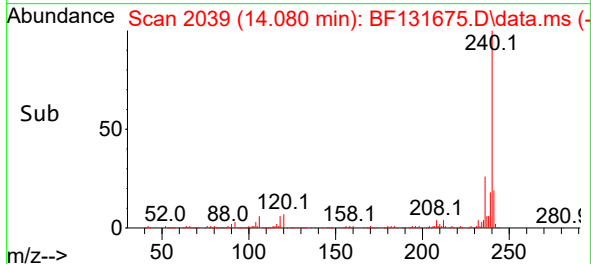
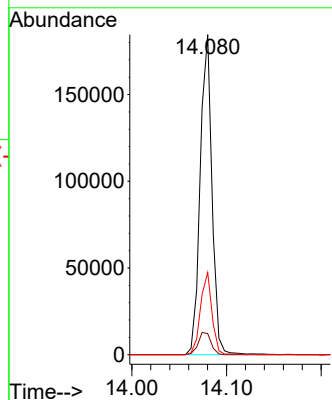
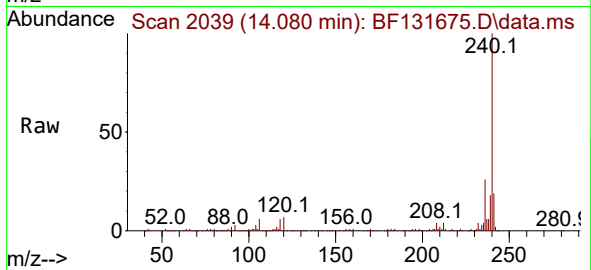
Tgt Ion:240 Resp: 159836

Ion Ratio Lower Upper

240 100

120 6.6 4.6 7.0

236 25.7 20.2 30.2



#77

Benzidine

Concen: 2.775 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.247 min

Lab File: BF131675.D

Acq: 16 Dec 2022 19:50

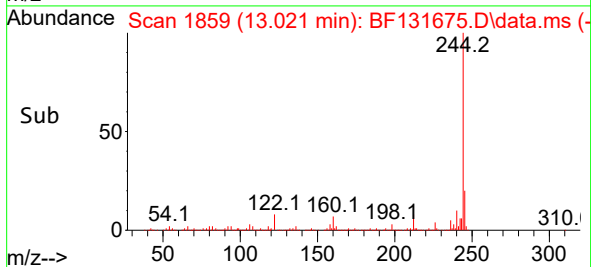
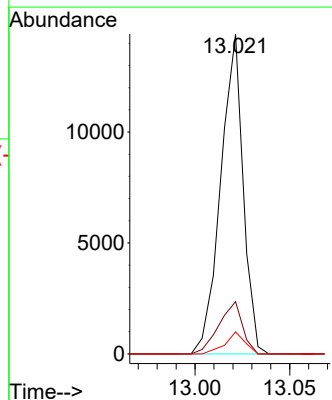
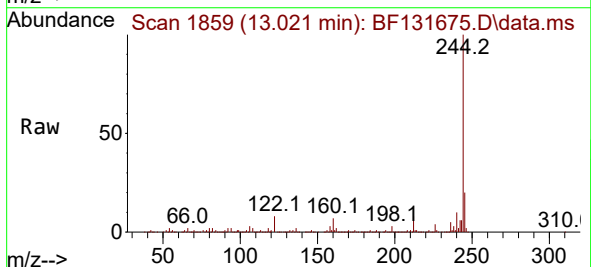
Tgt Ion:184 Resp: 11884

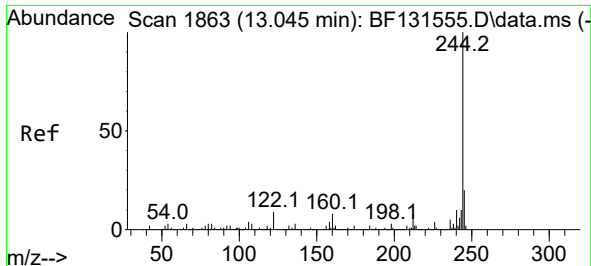
Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

183 6.9 9.3 13.9#

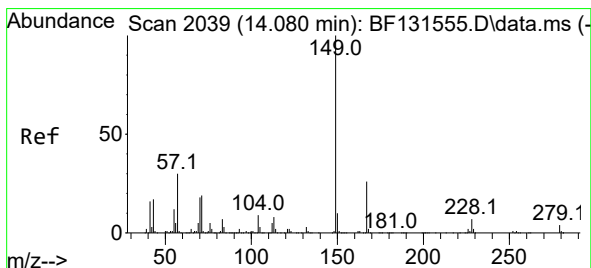
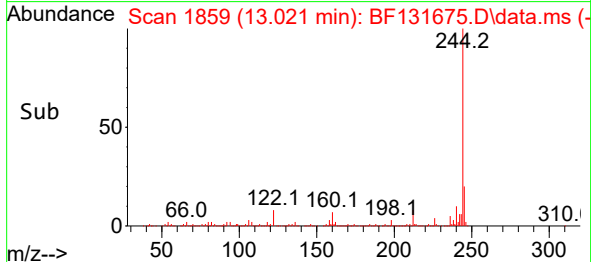
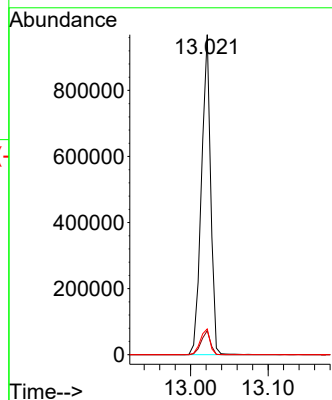
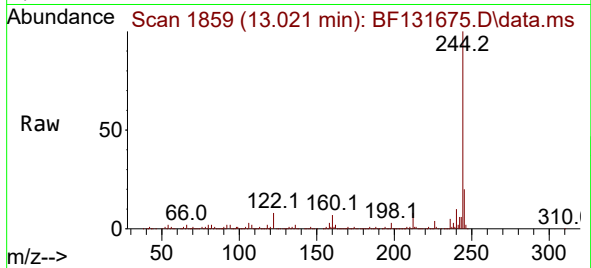




#79
 Terphenyl-d14
 Concen: 68.421 ng
 RT: 13.021 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131675.D
 Acq: 16 Dec 2022 19:50

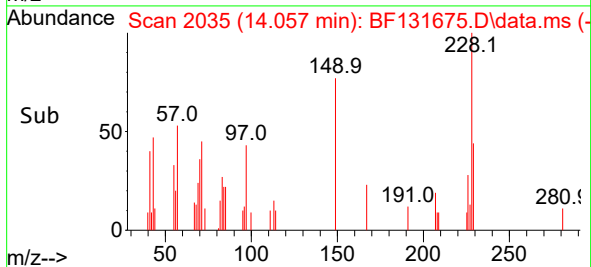
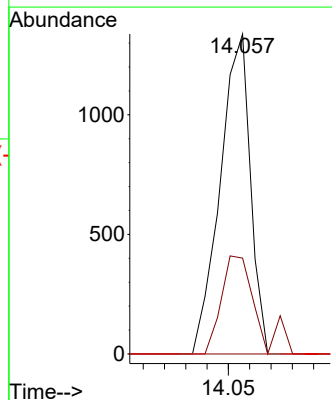
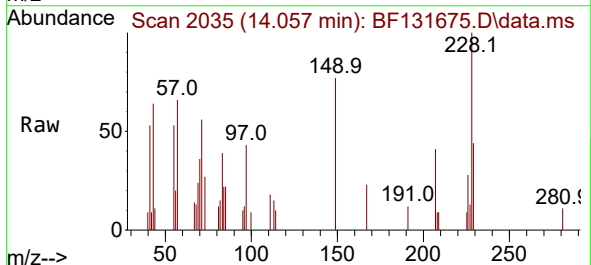
Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(0.5-2.5)

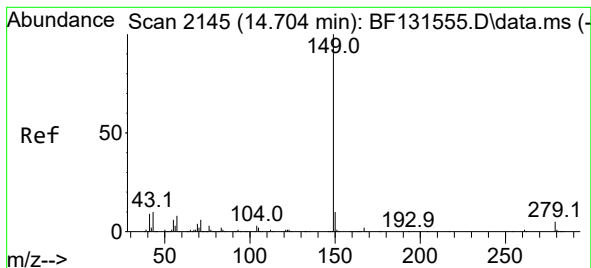
Tgt Ion:244 Resp: 797446
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.0 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.231 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF131675.D
 Acq: 16 Dec 2022 19:50

Tgt Ion:149 Resp: 1317
 Ion Ratio Lower Upper
 149 100
 167 30.0 20.8 31.2
 279 0.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 5.241 ng

RT: 14.674 min Scan# 2145

Delta R.T. 0.000 min

Lab File: BF131675.D

Acq: 16 Dec 2022 19:50

Instrument :

BNA_F

ClientSampleId :

RB-23-(0.5-2.5)

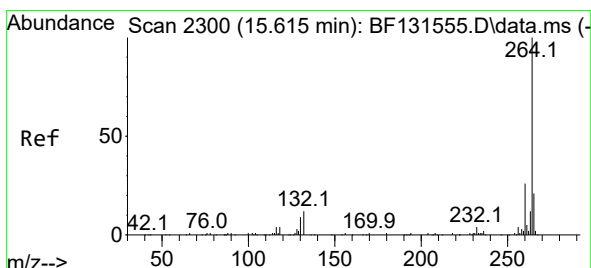
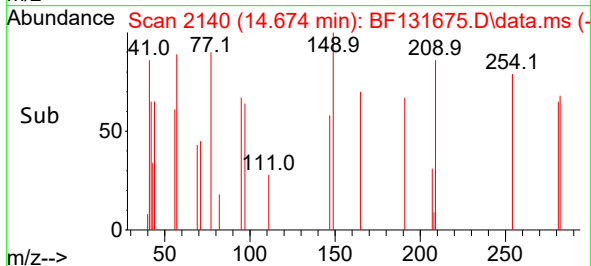
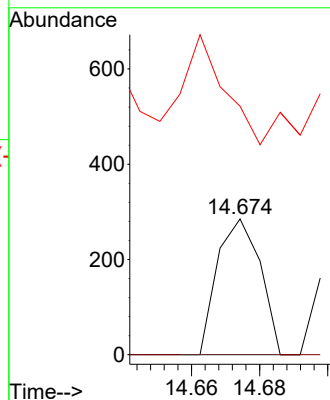
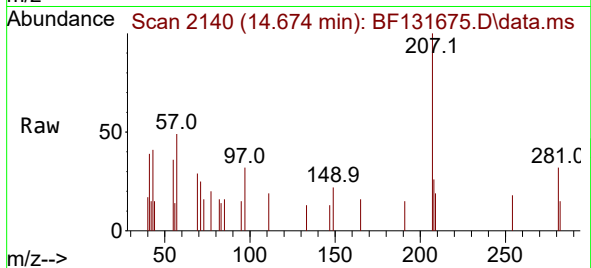
Tgt Ion:149 Resp: 249

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 93.2 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.000 min

Lab File: BF131675.D

Acq: 16 Dec 2022 19:50

Tgt Ion:264 Resp: 142597

Ion Ratio Lower Upper

264 100

260 24.1 20.6 30.8

265 21.8 16.8 25.2

